

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) ~~Method~~ A method of visualizing image data relating to medical examination of a subject, comprising the ~~step~~ acts of:

a) automatically selecting one or more appropriate protocols from a set of predefined protocols defining visualizing techniques to be applied to the image data, ~~characterized in that, wherein~~ the method further comprises the steps of:

b) automatically analyzing the image data ~~(10) without user intervention;~~

c) deciding on the part of the subject's anatomy represented by the image data ~~(20) based on results of the analysis of the image data;~~ and/or

d) deciding on the purpose of the medical examination performed on the subject ~~(20) based on results of the analysis of the image data;~~ and

e) automatically selecting one or more of the appropriate protocols in dependence of the anatomy part present and/or the purpose of the examination performed ~~(30)~~.

2. (Currently amended) ~~Method~~ The method according to claim 1, wherein ~~step-act~~ e) comprises the ~~step-act~~ of:

e1) selecting one or more appropriate protocols from a set of predefined protocols, a number of said predefined protocols defining processing techniques to be applied to the image data.

3. (Currently amended) ~~Method~~ The method according to claim 1, wherein ~~step-act~~ e) comprises the ~~step-act~~ of:

e2) selecting one or more appropriate protocols from a set of predefined protocols, a number said predefined protocols defining techniques for Computer Aided Diagnosis (CAD) to be applied to the image data.

4. (Currently amended) ~~Method~~ The method according to claim 1, wherein ~~step-act~~ e) comprises the ~~step-act~~ of:

e3) automatically selecting one or more appropriate protocols from a set of predefined protocols, a number said predefined

protocols defining anatomy dedicated techniques to be applied to the image data.

5. (Currently amended) ~~Method~~ The method according to claim 1, wherein step-act e) comprises the step-act of:

e4) automatically selecting one or more appropriate protocols from a set of predefined protocols, a number said predefined protocols defining display techniques to be applied to the image data.

6. (Currently amended) ~~Method~~ The method according to claim 1, wherein step-act b) comprises the step-act of automatically comparing the image data to reference data.

7. (Currently amended) ~~Method~~ The method according to claim 1, wherein step-act b) comprises the step-act of automatically subdividing the image data in coherent parts on the basis of expert knowledge.

8. (Currently amended) ~~Method~~ The method according to claim 1, wherein ~~step-act b)~~ comprises the ~~step-act of~~ automatically extracting salient structures present in the image data.

9. (Currently amended) ~~Computer~~ A computer-readable medium encoded with a computer program to carry out the method according to claim 1.

10. (Currently amended) ~~System to carry out the method according to claim 1~~ A system of visualizing image data relating to medical examination of a subject, the system comprising:

a) means for automatically selecting one or more appropriate protocols from a set of predefined protocols defining visualizing techniques to be applied to the image data, ~~characterized in that~~ wherein the system further comprises:

b) means ~~(3)~~ for automatically analyzing the image data;

c) means ~~(4)~~ for deciding on the part of the subject's anatomy represented by the image data based on results of the analysis of the image data; and/or

d) means ~~(4)~~—for deciding on the purpose of the medical examination performed on the subject based on results of the analysis of the image data; and

e) means ~~(5)~~—for automatically selecting the appropriate protocol in dependence of the anatomy part present and/or the purpose of the medical examination performed.

11. (New) A system of visualizing image data relating to medical examination of a subject, the system comprising:

a portion configured to automatically analyze the image data;
a portion configured to decide on the part of the subject's anatomy represented by the image data based on results of the analysis of the image data; and/or

a portion configured to decide on the purpose of the medical examination performed on the subject based on results of the analysis of the image data; and

a portion configured to select one or more appropriate protocols from a set of predefined protocols defining visualizing techniques to be applied to the image data in dependence of the anatomy part present and/or the purpose of the medical examination performed.